TEST METHOD FOR OPTIMIZING POLYMER OR POLYMER-FORMING COMPONENTS

ABSTRACT OF THE DISCLOSURE

A test method is described for discovering polymer or polymerforming components having favorable properties. The method comprises
the steps of preparing one or more sets of polymer solutions or solutions
of polymer-forming components of different composition, introducing a
specified volume of the polymer solution or solution of polymer-forming
components into a set of sample vessels, forming a polymer film optionally
exposing the polymer film to an increased temperature, determining,
sequentially or in parallel, one or more physical properties, and selecting
the polymer samples having the most favorable properties.